

Supporting Information

For

The Widespread Existence of Cytosine Methylation in Yeast DNA Measured by Gas Chromatography-Mass Spectrometry

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Table S1. Linear range, regression data, limit of detection (LOD), and limit of quantification (LOQ) for the determination of 5mC by GC-MS.

Molar ratio	Linear range (%)	Calibration curve data			LOD (pg)	LOQ (pg)
		Slope	Intercept	R ² value		
5mC/(5mC+Cytosine)	0.01-1.00	0.0045	-0.00003	0.9968	0.8	2.5

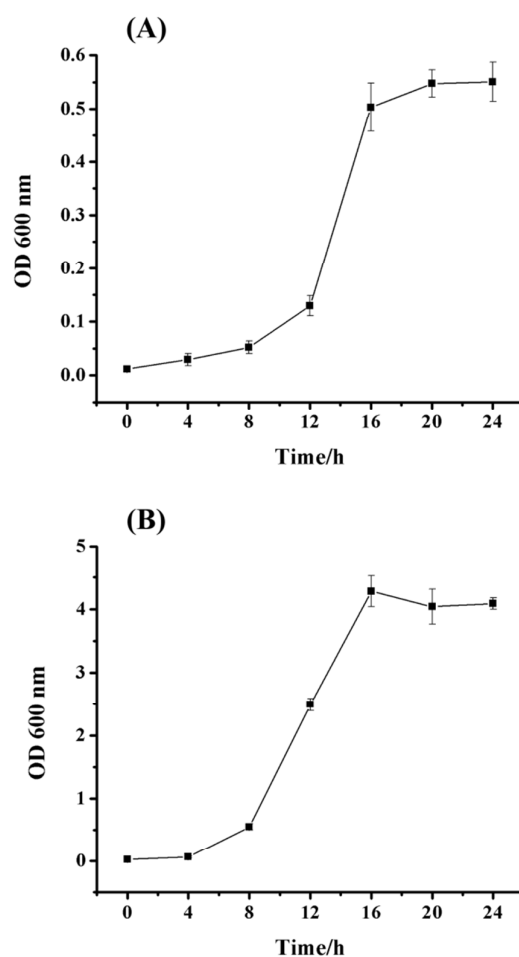


Figure S1. Cell growth curves of yeast strains. (A) *Yarrowia lipolytica* (CGMCC 2.1718). (B) *Saccharomyces cerevisiae* W1588-4C. Yeast cells were grown at 25°C and samples were taken after 0, 4, 8, 12, 16, 20, and 24 h culturing. OD₆₀₀ values were determined after appropriate dilution with inoculated medium. Each data point was expressed by an average OD₆₀₀ value with an error bar (i.e. standard deviation from three independent measurements).